

FIG 2

Applicant: Dockser
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 Sheet 3 of 3
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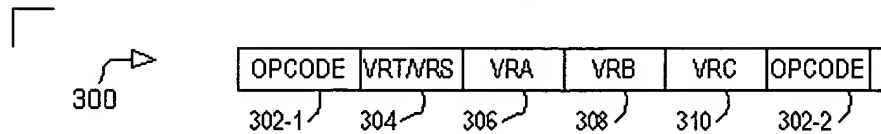


FIG 3

PARALLEL ADD/SUBTRACT	$A_P + B_P \rightarrow T_P, A_S + B_S \rightarrow T_S$	
MULTIPLY		
PARALLEL	$A_P C_P \rightarrow T_P, A_S C_S \rightarrow T_S$	410
CROSS	$A_S C_P \rightarrow T_P, A_P C_S \rightarrow T_S$	411
CROSS COPY PRIMARY	$A_P C_P \rightarrow T_P, A_P C_S \rightarrow T_S$	
CROSS COPY SECONDARY	$A_S C_P \rightarrow T_P, A_S C_S \rightarrow T_S$	
MULTIPLY AND ADD/SUBTRACT		414
PARALLEL	$A_P C_P + B_P \rightarrow T_P, A_S C_S + B_S \rightarrow T_S$	403
PARALLEL NEGATE	$-(A_P C_P + B_P) \rightarrow T_P, -(A_S C_S + B_S) \rightarrow T_S$	
PARALLEL SUBTRACT	$A_P C_P - B_P \rightarrow T_P, A_S C_S - B_S \rightarrow T_S$	409
PARALLEL NEGATE SUBTRACT	$-(A_P C_P - B_P) \rightarrow T_P, -(A_S C_S - B_S) \rightarrow T_S$	
CROSS	$A_S C_P + B_P \rightarrow T_P, A_P C_S + B_S \rightarrow T_S$	405
CROSS NEGATE	$-(A_S C_P + B_P) \rightarrow T_P, -(A_P C_S + B_S) \rightarrow T_S$	
CROSS SUBTRACT	$A_S C_P - B_P \rightarrow T_P, A_P C_S - B_S \rightarrow T_S$	
CROSS NEGATE SUBTRACT	$-(A_S C_P - B_P) \rightarrow T_P, -(A_P C_S - B_S) \rightarrow T_S$	
CROSS REPLICATE PRIMARY	$A_P C_P + B_P \rightarrow T_P, A_P C_S + B_S \rightarrow T_S$	406
CROSS REPLICATE PRIMARY NEGATE	$-(A_P C_P + B_P) \rightarrow T_P, -(A_P C_S + B_S) \rightarrow T_S$	
CROSS REPLICATE PRIMARY SUBTRACT	$A_P C_P - B_P \rightarrow T_P, A_P C_S - B_S \rightarrow T_S$	
CROSS REPLICATE PRIMARY NEGATE SUBTRACT	$-(A_P C_P - B_P) \rightarrow T_P, -(A_P C_S - B_S) \rightarrow T_S$	
CROSS REPLICATE SECONDARY	$A_S C_P + B_P \rightarrow T_P, A_S C_S + B_S \rightarrow T_S$	
CROSS REPLICATE SECONDARY NEGATE	$-(A_S C_P + B_P) \rightarrow T_P, -(A_S C_S + B_S) \rightarrow T_S$	
CROSS REPLICATE SECONDARY SUBTRACT	$A_S C_P - B_P \rightarrow T_P, A_S C_S - B_S \rightarrow T_S$	
CROSS REPLICATE SECONDARY NEGATE SUB	$-(A_S C_P - B_P) \rightarrow T_P, -(A_S C_S - B_S) \rightarrow T_S$	
ASYMMETRIC MULTIPLY AND ADD/SUB		
CROSS COPY PRIMARY SUB PRIMARY	$-(A_P C_P - B_P) \rightarrow T_P, A_P C_S + B_S \rightarrow T_S$	407
CROSS COPY SECONDARY SUB PRIMARY	$-(A_S C_P - B_P) \rightarrow T_P, A_S C_S + B_S \rightarrow T_S$	
CROSS COPY PRIMARY SUB SECONDARY	$A_P C_P + B_P \rightarrow T_P, -(A_P C_S - B_S) \rightarrow T_S$	
CROSS COPY SECONDARY SUB SECONDARY	$A_S C_P + B_P \rightarrow T_P, -(A_S C_S - B_S) \rightarrow T_S$	
COMPLEX MULTIPLY AND ADD/SUBTRACT		
CROSS COMPLEX SUB PRIMARY MULT ADD	$-(A_S C_S - B_P) \rightarrow T_P, A_S C_P + B_S \rightarrow T_S$	408
CROSS COMPLEX SUB SECONDARY MULT ADD	$A_S C_S + B_P \rightarrow T_P, -(A_S C_P - B_S) \rightarrow T_S$	
CROSS COMPLEX MULT ADD	$A_S C_S + B_P \rightarrow T_P, A_S C_P + B_S \rightarrow T_S$	
CROSS COMPLEX NEGATIVE MULT SUBTRACT	$-(A_S C_S - B_P) \rightarrow T_P, -(A_S C_P - B_S) \rightarrow T_S$	
MOVE, LOAD, STORE		
CROSS MOVE	$B_P \rightarrow T_S, B_S \rightarrow T_P$	
LOAD DOUBLE WORD	$DW[EA] \rightarrow T_P, DW[EA+8] \rightarrow T_S$	
LOAD DOUBLE WORD CROSS	$DW[EA+8] \rightarrow T_P, DW[EA] \rightarrow T_S$	
LOAD DOUBLE WORD REPLICATE	$DW[EA] \rightarrow T_P, T_S$	
STORE DOUBLE WORD	$S_P \rightarrow DW[EA], S_S \rightarrow DW[EA+8]$	
STORE DOUBLE WORD CROSS	$S_P \rightarrow DW[EA+8], S_S \rightarrow DW[EA]$	
STORE DOUBLE WORD REPLICATE	$S_P, S_S \rightarrow DW[EA]$	

FIG 4